WHAT IS CLAIMED IS

1. A telephone set identifying method for identifying a type of portable telephone set to which a data processing apparatus is coupled, comprising the steps of:

identifying the type of the portable telephone set based on a response with respect to an operation start signal which is output to a data interface part of the portable telephone set.

2. A telephone set identifying method for identifying a type of portable telephone set to which a data processing apparatus is coupled, comprising the steps of:

identifying the type of the portable telephone set based on a waveform of a signal output from a specific terminal of a data interface part of the portable telephone set.

3. A telephone set identifying method for identifying a type of portable telephone set to which a data processing apparatus is coupled, comprising the steps of:

identifying the type of the portable telephone set based on an allocation pattern of input and output terminals of a data interface part of the portable telephone set.

4. A telephone set type identifying apparatus for identifying a type of portable telephone set to which a data processing apparatus is coupled, comprising:

5   means for identifying the type of the portable telephone set based on a response with respect to an operation start signal which is output to a data interface part of the portable telephone set.

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5. A telephone set type identifying apparatus for identifying a type of portable
15 telephone set to which a data processing apparatus is coupled, comprising:

    means for identifying the type of the portable telephone set based on a waveform of a signal output from a specific terminal of a data interface part of
20 the portable telephone set.

25   6. A telephone set type identifying apparatus for identifying a type of portable telephone set to which a data processing apparatus is coupled, comprising:

    means for identifying the type of the portable
30 telephone set based on an allocation pattern of input and output terminals of a data interface part of the portable telephone set.

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7. A PC card comprising:

a telephone set type identifying apparatus identifying a type of portable telephone set to which a data processing apparatus is coupled,

said telephone set type identifying apparatus

5 comprising:

means for identifying the type of the portable telephone set based on a response with respect to an operation start signal which is output to a data interface part of the portable telephone

10 set.

15 8. A PC card comprising:

a telephone set type identifying apparatus identifying a type of portable telephone set to which a data processing apparatus is coupled,

said telephone set type identifying apparatus

20 comprising:

means for identifying the type of the portable telephone set based on a waveform of a signal output from a specific terminal of a data interface part of the portable telephone set.

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9. A PC card comprising:

30 a telephone set type identifying apparatus identifying a type of portable telephone set to which a data processing apparatus is coupled,

said telephone set type identifying apparatus comprising:

35 means for identifying the type of the portable telephone set based on an allocation pattern of input and output terminals of a data interface part

of the portable telephone set.

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10. A computer-readable storage medium which stores a program for causing a computer which couples to a portable telephone set to identify a type of the portable telephone set, comprising:

10 means for causing the computer to identify the type of the portable telephone set based on a response with respect to an operation start signal which is output to a data interface part of the portable telephone set.

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11. A computer-readable storage medium
20 which stores a program for causing a computer which couples to a portable telephone set to identify a type of the portable telephone set, comprising:
means for causing the computer to identify the type of the portable telephone set based on a
25 pattern of an asynchronous signal output from a data interface part of the portable telephone set.

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12. A computer-readable storage medium which stores a program for causing a computer which couples to a portable telephone set to identify a type of the portable telephone set, comprising:
35 means for causing the computer to identify the type of the portable telephone set based on an allocation pattern of input and output terminals of

a data interface part of the portable telephone set.

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13. A processing apparatus operatively coupled between a communication equipment and an information processing apparatus, comprising:

an identifying part identifying a type of the
10 communication equipment and outputting an identification signal; and

a switching part switching a communication protocol prestored for each type of the communication equipment, based on the identification
15 signal.

20 14. The processing apparatus as claimed in claim 13, wherein the communication equipment is a mobile communication equipment.

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15. The processing apparatus as claimed in claim 14, wherein the mobile communication is a mobile telephone set capable of making a
30 communication while moving or a personal handy-phone system telephone set unsuited for making a communication while moving.

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